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INFORMATION REPORT

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COUNTRY: Germany (Russian Zone)

DATE DISTR: 26 JUN 1962

SUBJECT: The installation of Sintering Equipment for Eisenhüttenkombinat-Ost and Eisenhüttenwerk-West

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SUPPLEMENT TO
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- Plans call for the construction of sintering installations at the Eisenhüttenwerke Ost (Fürstenberg) and West (Calbe/Saale). These installations will consist of large plants including mixing installations, upgrading plants, belt conveyors, and sintering furnaces. A plant of this type requires a site of some 6 square kilometers and smokestacks 120 meters in height. The main conveyor belt for the sintering process proper has a length of over 50 meters and must carry 240 tons of ore per hour. The purpose of the installation is to turn powdery ore into lump form by a heat process so that it is suitable for the blast furnace. The ore arrives in powdery form from the Krivoy-Rog area of Russia. Because the transport space must be used to the fullest extent, only ore in powder form is carried over very long distances. The sintering installation is to be built in the shortest possible period, because serious damage has already been caused to blast furnace No. 1 of EKO by the direct processing of pure ore.
- A main feature of the new installation is the plate conveyor belt for the sintering furnace. This conveyor, estimated to cost 1.5 million DM, is to be delivered by the Polysius plant of Dossau. At first this firm declined the order because it is overburdened with urgent Russian orders. Subsequent inquiries revealed, however, that the Polysius plant is the only one in the DDR capable of manufacturing such installations. Besides, the Administration for Soviet Property in Germany has ordered the Polysius firm to deliver the installation on schedule. As a result of the great speed required for the project, considerable mistakes have already occurred. For example, the drum mixers were designed and ordered with a capacity of 500 tons per day instead of 500 tons per hour. Since the mixers were already under construction in Magdeburg, the specific time could not be changed to any large extent. Another error was made in the measurement of the conveyor belts which does not agree with the weight they have to carry.

CLASSIFICATION

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